

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

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MAR 16 2006

PATENT APPLICATION

ATTORNEY DOCKET NO. 200301997-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Rabah Hamdi

Confirmation No.: 3679

Application No.: 09/821410

Examiner: TSE, Young Toi

Filing Date: Mar 29, 2001

Group Art Unit: 2637

Title: RAPID IDENTIFICATION OF TRANSMISSION MEDIA CHANNEL CHARACTERISTICS

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ( ) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
(X) Other: Corrected first page of Response March 15, 2006 (fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$50	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$200	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	1ST MONTH \$120.00	2ND MONTH \$450.00	3RD MONTH \$1020.00	4TH MONTH \$1590.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

(X) I hereby certify that this paper is being transmitted  
to the Patent and Trademark Office facsimile  
number 571 273-8300 on 03/16/2006  
Number of pages: 2

Typed Name: N. Rhys Merrett

Signature: *N. Rhys Merrett*

Rabah Hamdi

By *N. Rhys Merrett*

N. Rhys Merrett

Attorney/Agent for Applicant(s)

Reg. No. 27250

Date: 03/16/2006

MAR 16 2006

Response correction dated: March 16, 2006  
Corrected Reply to Office Action mailed: March 07, 2006


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application 09/821,410  
Filing Date: 03/29/2001  
Inventor(s): HAMDJ, Rabah S.  
For: .Rapid Identification of Transmission  
Media Channel Characteristics

Confirmation No. 3679  
Group Art Unit: 2637  
Examiner: TSE, Young Tol  
Attorney Docket: 200301997-1

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate of Transmission under 37 CFR 1.8	
I hereby certify that this correspondence is being facsimile communicated to the United States Postal Service at (571) 273-8300 on	
March 16, 2006	
Date	N. Rhys Merrett

**CORRECTED RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

Dear Sir:

In the response filed on March 15, 2006, the body of the first page contained errors in the a the fourth paragraph, and should read as follows:

Entry of this response to the Office Action mailed March 07, 2006 is respectfully requested.

Please replace the Section "Amendments to the Claims" in the Amendment dated December 15, 2005 by the accompanying corrected Section. In the replacement section the status identifiers of claims 31 and 34 are now corrected as "previously presented".

In addition, typographical errors in claims 9, 16, 26 and 39 have been addressed so that the Hermitian of  $X$  is correctly identified as  $\bar{X}$  in the expression  $M = (\bar{X}X)^{-1} \bar{X}$ , as well as in the phrase "where  $\bar{X}$  is the Hermitian of  $X$ ".

If there are any remaining issues that could be resolved by discussion, a telephone call to the undersigned attorney at (425) 402-4638 would be appreciated.

Date: March 16, 2006  
**Hewlett-Packard Company**  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

Respectfully submitted,

  
N. Rhys Merrett  
Attorney for Applicant, Reg. No. 27,250